

Art Searchroom Info.

26 Records Were F und

Class	Subclasses	Group Art Unit	Building	Room
<u>430</u>	1 - 30	<u>1756</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	31 - 137.22	<u>1753</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	138 - 270.1	<u>1752</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	270.11 - 270.21	<u>1756</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	271.1 - 289.1	<u>1752</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	290 - 299	<u>1756</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	300 - 310	<u>1752</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	311 - 330	<u>1756</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	331	<u>1752</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	332 - 345	<u>1756</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	346 - 393	<u>1752</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	394 - 397	<u>1756</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	398 - 644	<u>1752</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	900 - 904	<u>1753</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	905 - 934	<u>1752</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	935	<u>1756</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	936	<u>1752</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	937 - 938	<u>1756</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	939 - 941	<u>1752</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	942	<u>1756</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	943 - 944	<u>1752</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	945 - 946	<u>1756</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	947 - 951	<u>1752</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	952 - 953	<u>1756</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	954 - 967	<u>1752</u>	<u>CP3</u>	<u>09-C24</u>
<u>430</u>	970	<u>1753</u>	<u>CP3</u>	<u>09-C24</u>

**Art Searchroom Search Completed
No more records to search**

369 CPK2 2652
2651

369/13.04 erasing

Class 359

**OPTICS: SYSTEMS (INCLUDING COMMUNICATION) AND
ELEMENTS**

- 1 HOLOGRAPHIC SYSTEM OR ELEMENT
- 2 . Authentication
- 3 . Having particular recording medium
- 4 .. Recyclable
- 5 ... Magnetic material
- 6 ... Sandwich having photoconductor
- 7 ... **Crystalline material**
- 8 .. Having nonplanar recording medium surface
- 9 . For synthetically generating a hologram
- 10 . Using modulated or plural reference beams
- 11 .. Spatial, phase or amplitude modulation
- 12 . Copying by holographic means

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- 13 . Head up display

- 14 .. Holograph on curved substrate

- 15 . Using a hologram as an optical element

- 16 .. With aberration correction

- 17 .. Scanner

- 18 ... Flat rotating disk

- 19
 - .. Lens
- 20
 - ... Multiple point hologram (e.g., fly-eye lens, etc.)
- 21
 - . Having defined page composer
- 22
 - . For producing or reconstructing images from multiple holograms (e.g., color, etc.)
- 23
 - .. Holographic stereogram
- 24
 - .. Superimposed holograms only
- 25
 - .. Discrete hologram only
- 26
 - ... Sequential frames on moving film
- 27
 - . Having particular laser source
- 28

. Having multiple object beam or diffuse object illumination

29

. Fourier transform holography

30

. Having optical element between object and recording medium

31

.. Focused image holography

32

. For reconstructing image

33

.. Real image

34

. With optical waveguide

35

. Hardware for producing a hologram

107

OPTICAL COMPUTING WITHOUT DIFFRACTION

108

. Logic gate

109

OPTICAL COMMUNICATION

110

. Diagnostic testing of optical communication

111

. Interference signal transmission or elimination (e.g., jamming or antijamming)

112

. Eavesdropping

113

. Duplex

114

.. Wavelength division

115

. Multiplex

116

.. Mode

117

.. Spatial or switching

118

.. Optical local area network (LAN)

- 119
 - ... Loop
- 120
 - ... Active star
- 121
 - ... Passive star
- 122
 - .. Polarization
- 123
 - .. Time and frequency division
- 124
 - .. Wavelength division/frequency division (includes scattering, e.g., Raman, Brillouin, etc.)
- 125
 - ... Subscriber system
- 126
 - Optical source at only one station
- 127
 - ... By optical coupling
- 128
 - Switch

- 129
 - Prism
- 130
 - Grating
- 131
 - Lens
- 132
 - ... Single source, electrically controlled
- 133
 - ... Different sources
- 134
 - With pump
- 135
 - .. Time division
- 136
 - ... Multiple access (e.g., CSMA, CDMA)
- 137
 - ... Subscriber system
- 138
 - ... By specific optical element

139

.... Optical switch

140

... With delay

141

. Underwater

142

. Remote control

143

.. Bidirectional (i.e., monitoring or acknowledge)

144

.. In industrial environment (e.g., robot control)

145

.. With radio link

146

.. With television or radio system

147

.. Switching

148

.. Plural functions

- 149
 - . Photophone
- 150
 - .. Transducer, per se
- 151
 - ... With optical fiber or waveguide
- 152
 - . Optical transceiver
- 153
 - .. Including compensation
- 154
 - . Transmitter and receiver system
- 155
 - .. Presence detection
- 156
 - .. With polarization
- 157
 - .. One transmitter, plural receivers
- 158
 - .. With synchronization

- 159
 - .. With alignment between transmitter and receiver
- 160
 - .. With pumping
- 161
 - .. With compensation
- 162
 - .. With electrical oscillator
- 163
 - .. With optical circuit board
- 164
 - .. Plural stations
- 165
 - ... Address directing connections
- 166
 - ... Unidirectional or loopback
- 167
 - ... Central or master station
- 168
 - .. Passive system

169

... Retroreflection

170

.. Retroreflection

171

.. Received signal supplies power distribution to diverse devices

172

.. Satellite communications

173

.. Including optical waveguide

174

. Optical repeater system

175

.. Demodulating

176

.. Regenerative

177

... Monitoring

178

.. Star

179	.. Including optical waveguide
180	. Transmitter
181	.. With particular modulation
182	... Frequency modulation
183	... Phase modulation
184	... Pulse modulation
185 Pulse-code
186 Pulse time
187	.. With feedback
188	.. Including optical waveguide

189

. Receiver

190

.. Homodyne

191

.. Heterodyne

192

... With polarization

193

.. With optical element (e.g., lens, mirror, etc.)

194

.. Automatic gain control

195

.. With optical waveguide

196

DEFLECTION USING A MOVING ELEMENT OR MEDIUM
(OFFSETTING OR CHANGING AT LEAST A PORTION OF THE BEAM)

197

. Using a periodically moving element (periodic change of optically reflecting, refracting or diffracting element)

198

- .. Particular mount or driver for element
- 199
 - ... Particular oscillating driver
- 200
 - ... Bearing or shaft for rotary driver
- 201
 - .. Plural moving scanning elements
- 202
 - ... X-Y scanner
- 203
 - ... Having a common axis of rotation
- 204
 - .. Utilizing plural light beams
- 205
 - .. Having particular focusing element to receive scanned light
- 206
 - ... High distortion lens (e.g., fO lens, etc.)
- 207
 - ... Anamorphic element
- 208

... Concave reflector

209

.. Including transmissive type moving element

210

... Having moving lens

211

... Having moving prism

212

.. Including reflective type moving element

213

... Having oscillating element

214

.... Single plane mirror element

215

..... With imaging lens

216

... Having multifaceted rotating element

217

.... With facets parallel to rotation axis

218

..... Having six, seven, or eight facets

219

..... Having five or fewer facets

220

... Having planar rotating reflector with transverse rotation axis

221

... Having planar rotating reflector with rotation axis in its plane

222

. By frustrated total internal reflection

223

. By moving a reflective element

224

.. Reflective element moved by deformable support

225

.. Pivoting or moving in circular arc

226

.. Rotating

227

LIGHT CONTROL BY OPAQUE ELEMENT OR MEDIUM MOVABLE
IN OR THROUGH LIGHT PATH

228

. Fluid

229

. With glare or flicker elimination

230

. Electro-mechanical

231

.. String or ribbon type

232

. Slit type

233

. With relative motion of two apertured elements

234

. With rotating or pivoting element (e.g., scanning discs)

235

.. Continuously rotating apertured element

236

.. Element rotates about axis perpendicular to light path

237

OPTICAL MODULATOR

238

. Light wave temporal modulation (e.g., frequency, amplitude, etc.)

239

.. Modulator output feedback to modulator

240

.. Changing bulk optical parameter

241

... By actinic radiation (e.g., photochromic)

242

.... Display device

243

.... Bistable device

244

.... Opto-optical device

245

... Electro-optic

246

.... Modulation of polarized light via modulating input signal

247

..... Using reflective or cavity structure

- 248
 - Semiconductor
- 249
 - Compensation technique
- 250
 - Using plural mediums
- 251
 - With particular direction of the field in relation to the medium, beam direction or polarization
- 252
 - With particular medium or state of the medium
- 253
 - Liquid medium
- 254
 - With particular electrode structure or arrangement, or medium mounting structure or arrangement
- 255
 - With particular field
- 256
 - With birefringent element
- 257
 - Pockel's cell

258

..... Kerr cell

259

.... Plural modulation cells

260

.... Etalon structure

261

.... Multiple reflections within cell

262

.... Excitation by electron beam

263

.... By reflection

264

.... Pulse modulation

265

.... Electrochromic

266

..... Particular nonplanar electrode arrangement

267

..... Reflection-type (e.g., display device)

- 268
 - Complementary device
- 269
 - Particular counter electrode
- 270
 - Particular electrolyte layer
- 271
 - Particular planar electrode pattern
- 272
 - Liquid cell
- 273
 - Particular electrochromic layer structure
- 274
 - Diverse layer
- 275
 - Transmission-type (e.g., windows)
- 276
 - Amplitude modulation
- 277
 - Within display element

- 278
 - Frequency modulation
- 279
 - Phase modulation
- 280
 - ... Magneto-optic
- 281
 - Modulation of polarized light via modulating input signal
- 282
 - Using layered structure or plural mediums
- 283
 - With particular direction of the field in relation to the medium, beam direction or polarization
- 284
 - Amplitude modulation
- 285
 - ... Acousto-optic
- 286
 - Amplitude modulation
- 287

.... Frequency modulation

288

... Thermo-optic

289

.... Amplitude modulation

290

.. By changing physical characteristics (e.g., shape, size or contours) of an optical element

291

... Shape or contour of light control surface altered

292

.... Light control surface forms image on projected light beam

293

..... Electron beam causes surface alteration

294

.... Using photoconductive layer

295

.... Having multiple electrodes

296

... Changing position or orientation of suspended particles

297

... Light control surface formed or destroyed

298

. Light wave directional modulation (e.g., deflection or scanning is representative of the modulating signal)

299

.. Opto-optical device

300

.. Phase conjugate

301

.. Acting on polarized light

302

... Using reflecting or cavity structure

303

... Using more than one polarization (e.g., digital)

304

... Using single polarization

305

.. Acousto-optic

306

... Correlation or convolution

- 307
 - ... Utilizing optical feedback
- 308
 - ... Filter
- 309
 - ... Acting on polychromatic light
- 310
 - ... Plural cell array
- 311
 - ... Plural transducers on single cell
- 312
 - ... Single transducer generating composite plural frequency acoustic wave
- 313
 - ... Particular cell shape
- 314
 - ... Particular cell orientation
- 315
 - .. Electro-optic
- 316
 - ... Plural modulation cells

317

... Multiple reflections within cell

318

... By reflection

319

... Focusing

320

... Switching

321

. Having particular chemical composition or structure

322

.. Electro-optic crystal material

323

... PLZT material

324

.. Magneto-optic crystal material

325

OPTICAL DEMODULATOR

326

OPTICAL FREQUENCY CONVERTER

327

. Raman type

328

. Harmonic generator

329

.. Third harmonic

330

. Parametric oscillator

331

. Optical laser acoustic delay line type

332

. Dielectric optical waveguide type

333

OPTICAL AMPLIFIER

334

. Raman or Brillouin process.

335

. Free electron

336

. Bistable

337

. Correction of deleterious effects

337.1

.. Spectral gain flattening or equalization

337.11

... Feedback

337.12

.... Using number of signals

337.13

.... Adjusting input signal power

337.2

.. Filtering (e.g., noise)

337.21

... Grating

337.22

... Interferometer or interference

337.3

.. Additional dopant or host composition

337.4

.. Complementary, adjusting stages

337.5
 . Dispersion compensation

338
 .. Using phase conjugation

339
 .. Using saturable or spatial filter

340
 . Mode locked

341.1
 . Optical fiber

341.2
 .. Bi-directional

341.3
 .. Pumping

341.31
 ... Operating frequency

341.32
 ... Radiation routing

341.33
 ... With multiple systems